

ABSTRACT OF THE DISCLOSURE

A direct current motor including a rotor having a rotation shaft and rotor coils, a stator configured to apply a magnetic field to the rotor via magnetic poles of the stator opposing magnetic poles of the rotor, an electrical parts mounting base board fixed on the rotation shaft such that the rotation shaft perpendicularly intersects the electrical parts mounting base board, and a commutator having a contact electrode part formed with a plane conductive layer pattern and connected to the rotor coils. The contact electrode part is formed on the electrical parts mounting base board. The direct current motor further includes a pair of electrode brushes in sliding contact with the contact electrode part of the commutator and configured to supply electric power to the rotor coils through the commutator.

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